# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 459 | 340/384.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:21 |
| L2 | 99 | 340/384.1.ccls. and (hole vent perforation slot) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:22 |
| L3 | 15 | 340/384.1.ccls. and (hole vent perforation slot) with wall | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:22 |
| L4 | 0 | 340/384.1.ccls. and (hole vent perforation slot) with wall with air | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:22 |
| L5 | 0 | 340/384.1.ccls. and (hole vent perforation slot) with wall same air | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:23 |
| L6 | 3 | ((340/388.1.ccls.) or (340/388.6. ccls.)) and (hole vent perforation slot) with wall same air | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:27 |
| L7 | 6 | (116/142R.ccls.) and (hole vent perforation slot) with wall same air | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:28 |
| L8 | 12 | (116/142R.ccls.) and (hole vent perforation slot) with wall | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:29 |
| L9 | 24 | (340/391.1.ccls.) and (hole vent perforation slot) with wall | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:33 |
| L10 | 2 | (340/391.1.ccls.) and (hole vent perforation slot) with wall same air | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:30 |
| L11 | 110 | ("340".clas.) and diaphragm and (hole slot perforation vent) with (wall side cas$3 hous$3) same air | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:50 |

# EAST Search History

| L12 | 316 | ("340".clas.) and diaphragm and (hole slot perforation vent) with (wall side cas$3 hous$3) not L11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:51 |
|-----|-----|-----|-----|-----|-----|-----|
| L13 | 86 | ("340".clas.) and diaphragm and (vent$3) with (wall side cas$3 hous$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 14:05 |
| L14 | 2 | "6385328".pn. and circuit$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 14:06 |
| S1 | 1 | "10565472" and transistor | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 09:39 |
| S2 | 8 | "1079662".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 09:40 |
| S3 | 1 | "1079662".pn. and wall | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 09:40 |
| S4 | 1 | "1079662".pn. and hole | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:53 |
| S5 | 1 | "1079662".pn. and "31" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:18 |
| S6 | 273 | 340/388.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 09:50 |
| S7 | 144 | 340/388.1.ccls. and @ad<"20040719" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 09:52 |
| S8 | 23 | 340/388.1.ccls. and @ad<"20040719" and transducer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 09:52 |
| S9 | 2 | "1079662".pn. and diaphragm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:18 |

| S10 | 2 | "6385328".pn. and hole | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:56 |
|-----|---|------------------------|------------------------------------|----|----|-----------------|
| S11 | 307 | acoustic near2 cavity and diaphragm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:57 |
| S12 | 223 | transducer and acoustic near2 cavity and diaphragm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:57 |
| S13 | 226 | transducer and acoustic near2 cavit$4 and diaphragm | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:57 |
| S14 | 176 | transducer and acoustic near2 cavit$4 and diaphragm and @ad<"20040719" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:58 |
| S15 | 104 | transducer and acoustic near2 cavit$4 and diaphragm and (hole vent) and @ad<"20040719" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:59 |
| S16 | 26306050 | transducer and acoustic near2 cavit$4 and diaphragm and (hole vent) and cylind$7and @ad<"20040719" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:59 |
| S17 | 51 | transducer and acoustic near2 cavit$4 and diaphragm and (hole vent) and cylind$7 and @ad<"20040719" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 10:59 |
| S18 | 10 | ("4376233" \| "5883967" \| "6035052" \| "6175637" \| "6208743").PN. OR ("6385328"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 11:03 |
| S19 | 2 | "6466682".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 11:13 |
| S20 | 0 | "6466682".pn. and hole | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 11:13 |
| S21 | 0 | "6466682".pn. and vent$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 11:13 |

| S22 | 5 | ("5829319" \| "6211775").PN. OR ("6466682").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/11 11:20 |
|-----|------|--------------------------------------------------|------------------------|-----|-----|-------------------|
| S23 | 1543 | speaker near2 holes | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 11:46 |
| S24 | 4100 | speaker and transducer and holes | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 11:46 |
| S25 | 52885 | transducer and holes | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 11:47 |
| S26 | 10213 | transducer and holes with (hous$3 cas$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 11:47 |
| S27 | 4295 | transducer and holes near3 (hous$3 cas$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 11:48 |
| S28 | 44 | transducer and holes near3 (hous$3 cas$3) same efficiency | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/09/11 13:20 |